#### KRASNYY, L.I.

A diagram of the geological and structural subdivision of the Okhotsk Sea and of the bordering folded structures. Dokl.AN SSSR 107:135-138 Mr '56. (MIRA 9:7)

1. Vsesoyuznyy nauchno-issledovatel skiy geologicheskiy institut. Predstavleno akademikom N.S. Shatskim. (Okhotsk, Sea of--Geology)

KRASHYY, L.I

AUTHOR:

None Given

5-6-9/42

TITLE:

Chronicle of the Activity of the Geologic Section (Khronika deyatel'nosti geologicheskoy sektsii)

PERIODICAL:

Byulleten' Moskovskogo Obshchestva Ispytateley Prirody, Otdel Geologicheskiy, 1957, #6, -- 115-118 (USSR)

ABSTRACT:

The following reports were delivered in the Geologic Section from 1 March to 4 June 1957:

L.I. Krasnyy on the "Mongolian-Okhotsk Geosynclinal Region and Its Place in the Structure of Eastern Asia"; A.A. Bogdanov, M.V. Muratov and V. Ye. Khain on "Some Problems in Geology of Czechoslovakia According to Impressions from a Geological Excursion"; V.I. Samodurov on "Tectonics of the North-Eastern Region Near the Aral Sea"; V.S. Zhuravlev on "Tectonic Nature of Regional Gravitational Peaks of the Caspian Sineclise"; N.F. Balukhovskiy on the "Nature (Theory) of Geologic Cyclicity"; A.V. Solov'yev on "Genetic Types of Petroleum and Origination of Oil Deposits of North-Eastern Sakhalin"; G.I. Makarychev on "Stratigraphy of Proterozoic and Lower-Paleozoic Deposits of the Bol'shoy Karatau"; I.S. Chumakov on "New Data on the Geologic Structure of the Leninogorsk Depression in the Rudnyy Altai"; G.P. Leonov on "Principal Problems in the Stra-

. Card 1/2

Chronicle of the Activity of the Geologic Section

5-6-9/42

tigraphy of the Paleogene of the Russian Plateau"; S.V. Semi-khatova on "Some Problems in the Stratigraphy of the Lower Part of the Lower-Carboniferous System"; S. Ye. Kolotukhina on "Facies of the Lower-Carboniferous System in the Karatau"; V. Ye. Khain, S.L. Afanas'yev, Yu. K. Burlin, Ye. A. Gofman, M.G. Lomize and V.G. Rikhter on "New Data on the Geology of the North-Western Caucasus", and B.P. Zhizhchenko on a "Draft of the Unified Stratigraphic Scheme of Paleogene and Neogene Deposits".

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KRASHYY Z. I.

AUTHOR:

Krasnyy, L.I.

5-6-15/42

TITLE:

Mongolian-Okhotsk Geosynclinal Region and its Place in the Structure of Eastern Asia (Mongolo-Okhotskaya geosinklinal'-naya oblast' i yeye mesto v strukture Vostochnoy Azii)

PERIODICAL:

Byulleten' Moskovskogo Obshchestva Ispytateley Prirody, Otdel Geologicheskiy, 1957, #6, pp 128-129 (USSR)

ABSTRACT:

The author lists several stages of intensive sinking and accumulation of sediments in the long and complicated history of development of the Mongolian-Okhotsk geosynclinal region. This region represents a combination of the inherited and superimposed types of geosynclinal development. The inheritance consists in that the strike of the Lower-Sinian, Lower-Cambrian and Middle-Paleozoic depressions approximately coincides with the strike of the Mesozoic depressions; the superposition manifests itself in that geosynclinal stages are separated by the long stages of geoanticlinal regime.

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VERESHCHAGIN, V.N.; KRASNYY, L.I.

Conference on the fulfication of stratigraphic plans of the Far East. Sov. geol. no.62:170-181 '57. (MIRA 11:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut. (Far East--Geology, Stratigraphic)

AUTHORS: Krany

Krasny, L. I., Smirnov, A. M.

20-3-52/52

TITLE:

A Geological-Structural Diagram of USSR Far East and Contiguous Territories to the South (Geologo-strukturnaya skhena Dal'nego Vostoka SSSR i sopredel'nykh s yuga territoriy)

On the second

PERIODICAL:

Doklady AN SSSR, 1957, Vol. 117, Nr 3, pp. 473-475 (USSR)

ABSTRACT:

The structural connections of the southeastern part of the USSR and the northeastern parts of Mongolia and China are interesting, because here a number of tectonic problems of Eastern Asia are solved. The most important question is, how far the Chinese platform is advanced northward, and which type of fold systems fill the immense area between the Siberian and the Chinese platform. Figure 1 gives a fragment of the tectonic chart of the USSR (according to Shatskiy 1956) with the largest geosynclinal territory of the continental part concerned. Not long ago it could be cleared up that the centrosphere of the old Kheg:.no-Bureinskiy-massif, - a part of the already in Pre-Cambrian splintered Chinese platform, being advanced widest northwand extends into the meridional direction from the Ussuri river to the lower courses of the Sunfari- and Bureya-rivers. Data

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20-3-32-52

A Geological-Structural Diagram of USSR Far East and Contiguous Territories to the South

on the uniformity of this massif are still lacking just now. With respect to the massif, the Upper Paleozoic- and younger (up to Upper Crextaceous) granite intrusions intersecting that one, are peculiar. The diagram (figure 1) reflects a distinct difference between the Mongolo-Okhotskaya and Sikhote-Alin'skaya synclinals. The first one is an example of the bequeathed type of the geosynclinal development; the latter one an example of the "superimposed" type ("nazlozhennyy tip"); the plans of the older and younger synclinals differ from each other. The deficiency of knowledges on the structure of the district northern of the Chinese platform was partly tilled not long ago. The northern limit of the platform passes almost along the Silyackhe-river. In the district of the Bol'shoy Khingau and not far from Girin, there already occur marine geosynclinal facies of the Middle- and Upper Paleozoic, which may be brought into connection with the corresponding structure levels of the Mongolo-Okhotsk- and Sikhote-Alin'-geosynclinals. Since the Triassic differenciated motions began, causing large uplifts and locally narrow flexures, limited by fractures.

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经的基础 共产业的政治体积经验的制度的共和国的联系,对于企业,并不是

A Geological-Structural Diagram of the USSR Far East and Contiguous Territories to the South

20-3-32/52

In the flexures rather mighty effusive-sedimentary masses of the Mesozoic accumulated, which were thrown into folds during the Jurassic and Cretaceous. Intrusive magmatism is widely distributed, and important pre occurence is connected with it. In the middle of the Man'chzhurskaya plane, there, apparently, is an old central massif. It remains uncertain, if it was a part of the Chinese platform before its breaking down. The development of the geosynclinal zone, contiguous to the platform from the north, lasted up to the end of the Permian. Therefore it is to separate as the Mongolo-Girin synclinal. During the Mesozoic mighty vulcanogenic-sedimentary masses accumulated at the eastern slope of the Bol'shoy Khingan. Between the limits of the Northern-Manchzhurskaya- depression there occurred no fold motions, only during the Cretaceous at the borders occurred mighty fractures with small andesite-, trachyt-, and liparite intrusions. Since the Tertiary the development of the platform-shaped south and of the geosynclinal north of Northeastern China passed very similar ways. The intensity of the bit-movements ("glybovyye dvizheniya") rapidly sank down, volcanism became weaker and was almost only represented

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A Geological-Structural Diagram of the USSR Far East and 20-3-32/52 Contiguous Territories to the South

by basaltic effusions. After those ones the period of the recent uplifts began. Large Mesozoic fractures elevated again, and along them effusions of Quarternary basalts, as well as formation of volcanic cones together with eruptions began. There are 1 figure and 2 references, all of which are Slavic.

ASSOCIATION: All-Union Scientific Geologic Research Institute, Far

Eastern Branch AN USSR (Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut, Dal'nevostochnyy filial Akademii

nauk SSSR)

PRESENTED: May 23, 1957, by N. V. Shatskiy, Academician

SUBMITTED: May 21, 1957

AVAILABLE: Library of Congress

Card 4/4

VEHESHCHAGIN, V.N., otv.red.; KRASNYY, L.I., otv.red.; VLASOV, G.M., red.; ZOLOTOV, M.G., red.; ZHAMOYDA, A.I., red.; KIPARISOVA, L.D., red.; MODZALEVSKAYA, red.; ONIKHIMOVSKIV, V.V., red.; SAVRASOV, M.P.; CHEMEKOV, Yu.F.; SKVORTSOV, V.P., red.; AVERKIYEVA, T.A., tekhn.red.

[Resolutions of the Interdepartmental Conference on the Elaboration of Standard Stratigraphic Systems for the Far East] Resheniia soveshchaniia Moshvedomstvennogo soveshchaniia po rasrabotke unifitsirovannykh stratigraficheskikh skhem dlia Dal'nego Vostoka. Moskva, Gos.nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr. 1958. 51 p. (MIRA 12:3)

1. Mexhvedomstvennoye soveshchaniye po rasrabotke unifitsirovannykh stratigraficheskikh skhem dlya Dal'nego Vostoka, Khabarovsk, 1956.

2. Predsedatel' Orgkomiteta Meshvedomstvennogo soveshchaniya po rasrabotke unifitsirovannykh stratigraficheskikh skhem dlya Dal'nego Vostoka (for Krasnyy). (Soviet Far East-Geology, Stratigraphic)

BELYAYEVSKIY, N.A., red., VERESHCHAGIN, V.N., red., KRASNYY, L.I., red.,
LIBROVICH, L.S., red., MARKOVSKIY, A.P., red., MUZYLEV, S.A., red.,
NALIVKIN, D.V., red., HIKOLAYEV, V.A., red., OVECHKIN, N.K., red.,
POLOVINKINA, Yu.Lr., red., ROSSOVA, S.M., red., izd-va,; SEMENOVA,
M.V., red., izd-va,; BABINTSEV, N.I., red., izd-va,; GUROVA, O.A., tekhn.red.

[Geological structure of the U.S.S.R.]Geologicheskoe stroenie SSSR. Moskva. Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr. Vol. 1. [Stratigraphy] Stratigrafiia. 1958. 587 p. [Supplement] Prilozhenie. 3 fold. maps. Vol. 2. [Magmatiam] Magmatizm. 1958. 329 p.

Vol. 2. [Magmatiam] Magmatizm. 1956. 329 P. Vol. 3. [Tectonics] Tektonika. 1958. 383 P.

(HIRA 11:11)

1. Leningrad. Vsesoyuznyy geologicheskiy institut. (Geology)

KRASNYY, L.I.

3(5)

PHASE I BOOK EXPLOITATION

sov/1198

Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut

Geologicheskoye stroyeniye SSSR. t. 3: Tektonika (Geological Structure of the USSR v. 3: Tectonics) Moscow, Gosgeoltekhizdat, 1958. 383 p. 8,000 copies printed.

Ed.: Krasnyy, L.I.; Ed. of Publishing House: Babintsev, N.I.;
Tech. Ed.: Gurova, O.A.; Editorial Board: Belyayevskiy, N.A.
Vereshchagin, V.N., Librovich, L.S., Markovskiy, A.P. (Resp. Ed.),
Muzylev, S.A., Nalivkin, D.V., Nikolayev, V.A., Ovechkin, N.K., and
Polovinkina, Yu.Ir.

PURPOSE: This standard book on the tectonics of the USSR is intended for scientists and students of geology.

COVERAGE: The present volume, one of a series on the geology of the USSR written in commemoration of the 40th anniversary of the Soviet Revolution, covers the tectonics of the country. Based mainly on the earlier studies of A.P.Karpinskiy, A.P. Pavlov, A.D. Arkhangel'skiy and N.S. Shatskiy on the Russian Shield, this

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Geological Structure of the USSR (Cont.)

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work constitutes an up-to-date summary of information accummulated on the subject and interpreted by Soviet geologists. In the preparation of this volume advice and assistance was provided by A.Ya. Dubinskiy, L.S. Librovich, V.P. Nekhoroshev, Yu.Ir. Polovinkina, T.N. Spizharskiy and others of the (VSEGEI) All-Union Scientific Research Geological Institute. The terminology used is in accordance with the latest tectonic map of the USSR, 1:5,000,000 scale (1956) prepared under the direction of N.S. Shatskiy and the joint editorship of N.A. Belyayevskiy, A.A. Bogdanov and M.V. Muratov. The book cites numerous prerevolutionary and Soviet geologists who have contributed to this field and developed theories in the following: 1) formation of geosynclines, by A.A. Borisyak, Ye.V. Milanovskiy, N.M. Strakhov, V.V. Belousov, V.Ye.Khain, V.A. Nikolayev et al. 2) theory of abyssal breaks (dislocations) by A.V. Peyve, 3) tectonics of folded areas, by V.N. Veber, D.V. Nalivkin, V.A. Nikolayev (Central Asia), N.G. Kassin (Kazakhstan), M.A. Usov (West Siberia), V.V. Belousov (Caucasus); M.V. Muratov (Black Sea region), et al. In exploring for coal, information on tectomics was successfully used by L.I. Lutugin, P.I. Stepanov and Yu. A. Zhemchuzhnikov; in petroleum geology by D.V. Golubyatnikov and I.M. Gubkin and in mineral exploration by S.S. Smirnov and Yu.A. Bilibin. A general schematization of Soviet tectonics was developed in the early 30ths by M.M. Tetyayev, D.V. Nalivkin, A.D. Arkhangel'skiy and N.S. Shatskiy. The latest tectonic maps show advances in surface and subsurface

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Geological Structure of the USSR (Cont.)

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knowledge of USSR crystal structures. A contributing factor here was the use of geophysical exploration methods, both surface and air-borne. The first part of the book deals with regional tectonics of shields, cratons, and ancient crystalline massifs and adjacent folded areas. Study of separate areas was mainly confined to the lesser known parts of Asiatic USSR. A chapter devoted to the most recent tectonic movements in USSR territory treats also the processes affecting the configuration of contemporaneous relief. The names of more than 40 scientists participating in the work are given in the appropriate chapter headings in the table of contents. General editorship was in the hands of L.I. Krasnyy assisted by B.B. Mitgarts. There are 26 inserts. There are no references given.

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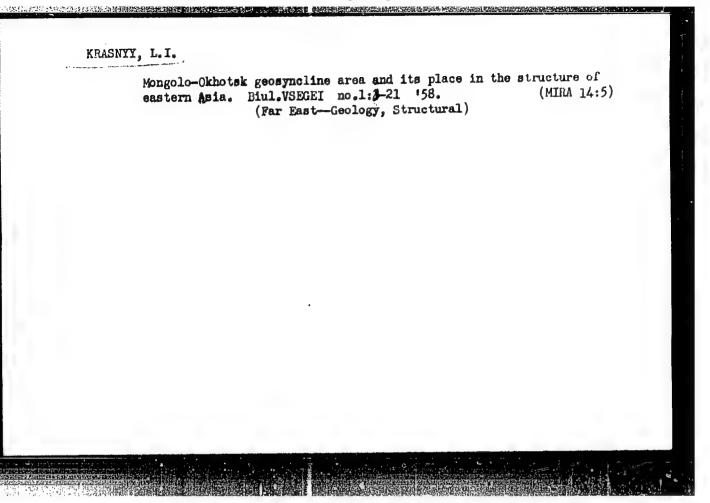
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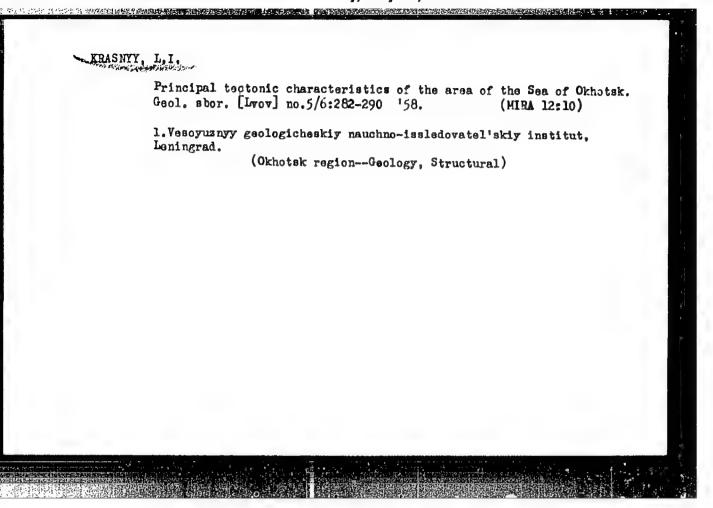
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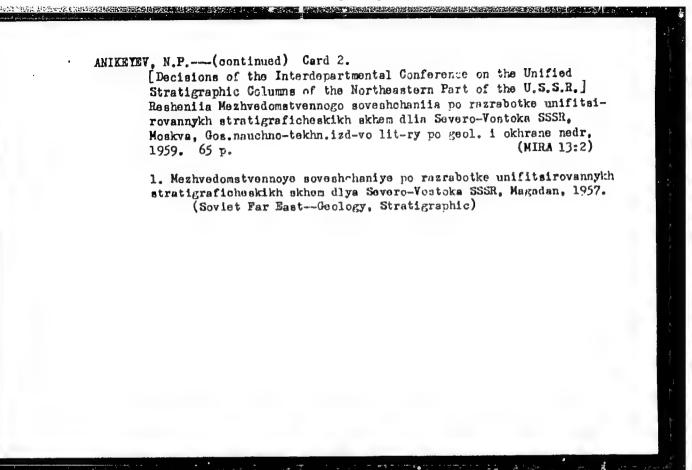
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NAHONIT ANIKEYEV, N.P., glavnyy red.; BISKE, S.F., red.; BOBYLEVSKIY, V.I., red.; VAS'KOVSKIY, A.P., red.; VERLESHCHAGIN, V.H., red.; DRABKIN, I.Ye., red .: YEVANOULOV, B.B., red .: YEFIHOVA, A.F., red .; ZIIKIH, A.V., red.; LARIN, N.I., red.; LIKHAREV, B.K., red.; MENNER, V.V., red.; MIKHAYLOV, A.F., red.; NIKOLAYEV, A.A., red.; POPOV, G.G., red.; POPOV, Yu.N., red.; SAKS, V.N., red.; SEMEYKIN, A.I., red.; SIMAKOV, A.S., red.; TITOV, V.A., red.; SHILO, N.A., red.; EL'YANOV, M.D., red.; LAKUSHEV, I.R., red.. V redaktirovanii prinimali uchastiye: ANDREYEVA, O.N., red.; BAYKOVSKAYA, T.N., red.; BOLKHOVITINA, N.A., red.; BORSUK, M.O., red.; VASIL'YEV, I.V., red.; VASILEVSKAYA, N.D., red.; VOYEVODOVA, Ye.M., red.; YEVSEYEV, K.P., red.; KIPARI-SOVA, L.D., red.; KRASNYY, L.I., red.; KRISHTOFOVICH, L.V., red.; KULIKOV, M.V., red.; LIBROVICH, L.S., red.; MARKOV, F.G., red.; MODZALEVSKAYA, Ye.A., red.; NIKIFOROVA, O.I., red.; OBUT, A.M., red.; PCHELINTSEVA, G.T., red.; RZHONSNITSKAYA, M.A., red.; SEDOVA, M.A., red.; STEPANOV, D.L., red.; TIMOFEYEV, B.V., red.; KHIDOLEY, K.M., red.; CHEMEKOV, Yu.F., red.; CHERNYSHEVA, N.Ye., red., DERZHAVINA, N.G., red.izd-va: CHROVA, O.A., tekhn.red. (Continued on next card)



KRASNYY, Lev Isaakovich; MUZYLEV, S.A., red.; MAKKOSHIN, V.A., tekhn.red.

[Basic tectonic problems of Khabarovsk Territory and Amur Province]
Osnovnye voprosy tektoniki Khabarovskogo krair 1 Amurskoi oblasti.
Leningrad, 1960. 31 p. (Leningrad, Vsesoiuznyi geologicheskii
institut. Materialy, no.37)
(MIRA 14:7)
(Siberia, Eastern—Geology, Structural)

KRADNYY, Lev Imaakovich; CHEMEKOV, Yu.F., red.; FILATOV, V.G., red.izd-va;

PENIKOVA, S.A., tekhn.red.

[Geology and minerals in the area west of the Sea of Okhotsk]
Geologiia i poleznye iskopaemye Zapadnogo Priokhotiia. Moskva,
Gos. nauchn-tekhn.izd-vo lit-ry po geologii i okhrane nedr, 1960.
161 p. (Leningrad. Vsesoiuznyi geologicheskii institut. Trudy,
vol. 34)

(Okhotsk region—Geology)

(Okhotsk region—Mines and mineral resources)

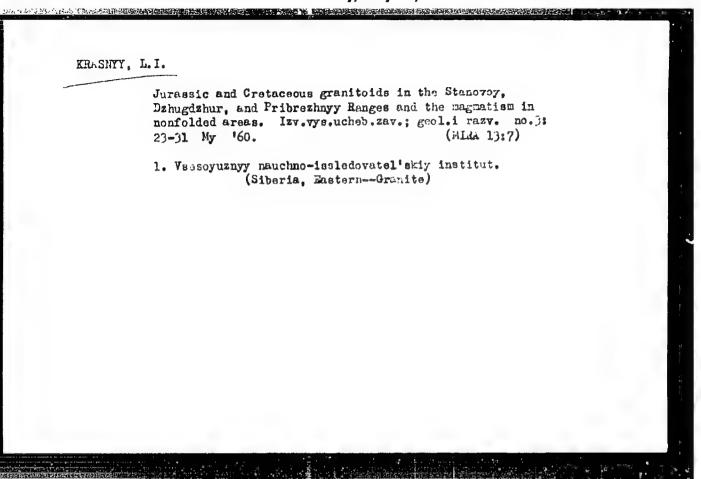
ITSIKSON, M.I., KORMILITSYN, V.S., KRASNYY, L.I., MATVEYENKO, V.T.

Basic metallogenetic characteristics of the northweetern part of the Pacific ore belt. Geol. rud. mestorozh. no.1:16-44 Ja-7 '60.

(MIRA 13:7)

1. Vsesoyuznyy geologicheskiy nauchno-issledovatel'skiy institut Leningrad, i Vsesoyuznyy nauchno-issledovatel'skiy institut zolota i redkikh metallov.

(Soviet Far East--Ore deposits)



KRASHYY, L. I. (speaker), KROPCIKIN, F. N., and VCLARCVICH, G. P.

"Main Features of the Geologic Structure of the Northwestern Part of the Pacific Coean Cre Belt"

report presented at the First All-Union Conference on the Geology and Ketallurgy of the Pacific Ocean Ore Belt, Vladivostok, 2 October 1960.

So: Geologiya Rudnykh Festorozhdeniy, No 1, 1661, pages 119-127

# KRASNYY, L.I.

Mobile regions and problems of their nomenclature. Sov.geol. 4 no.10:118-136 0 '61. (MIRA 14:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut. (Geology-Nomenclature)

DZEVANSKIY, Yu.K.; DODIN, A.L.; KONIKOV, A.Z.; KRASNYY, L.I.; MAN'KOVSKIY, V.K.; MOSHKIN, V.N.; LYATSKIY, V.B.; HIKOL'SKAYA, I.P.; SALOP, L.I.; SALUN, S.A.; RABKIN, M.I.; RAVICH, M.G.; POSPELOV, A.G.; NIKOLAYEV, A.A.; IL'IN, A.V.; BUZIKOV, I.P.; MASLENNIKOV, V.A.; NEYELOV, A.N.; NIFITINA, L.P.; NIKOLAYEV, V.A. [deceased]; OBRUCHEV, S.V.; SAVEL'YEV, A.A; SEDOVA, I.S.; SUDOVIKOV, N.G.; KHIL'TOVA, V.Ya.; NAGIBINA, M.S.; SHEYNMANN, Yu.M.; KUZNETSOV, V.A.; KUZNETSOV, YU.A.; BORUKAYEV, R.A.; LYAPICHEV, G.F.; NALIVKIN, D.V., glav. red.; VERESHCHAGIN, V.N., zam. glav. red.; MENNER, V.V., zam. glav. red.; OVECHKIN, N.K., zam. glav. red.[deceased]; SOKOLOV, B.S., red.; SHANTSER, Ye.V., red.; MODZALEVSKAYA, Ye.A., red.; CHUGAYEVA, M.N., red.; GROSSGEYM, V.A., red.; KELLER, B.M., red.; KIPARISOVA, L.D., red.; KOROBKOV, M.A., red.; KRASNOV, I.I., red.; KRYMGOL'TS, T.Ya., red.; LIBROVICH, L.S., red.; LIKHAREV, B.K., red.; LUPPOV, N.P., red.; NIKIFOROVA, O.I., red.; POLKANOV, A.A., red.[deceased]; RENGARTEN, V.P., red.; STEPANOV, D.L., red.; CHERNYSHEVA, N.Ye., red.; SHATSKIY, N.S., red.[deceased]; EBERZIN, A.G., red.; SMIRNOVA, Z.A., red.izd-va; GUROVA, O.A., tekhn. red.

[Stratigraphy of the U.S.S.R. in fourteen volumes. Lower Pre-Cambrian] Stratigrafiia SSSR v chetyrnadtsati tomakh.

Nizhnii Dokembrii. Moskva, Gos. nauchno-tekhn, izd-vo lit-ry po geologii i okhrane nedr. Pt. 1 (Asiatic part of the USSR) 1963. 3960.

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R0008262100

VLASOV, G.M.; ITSIKSON, M.I.; KORMILITSYN, V.S.; KRASNYY, L.I.; MATVEYENKO, V.T.

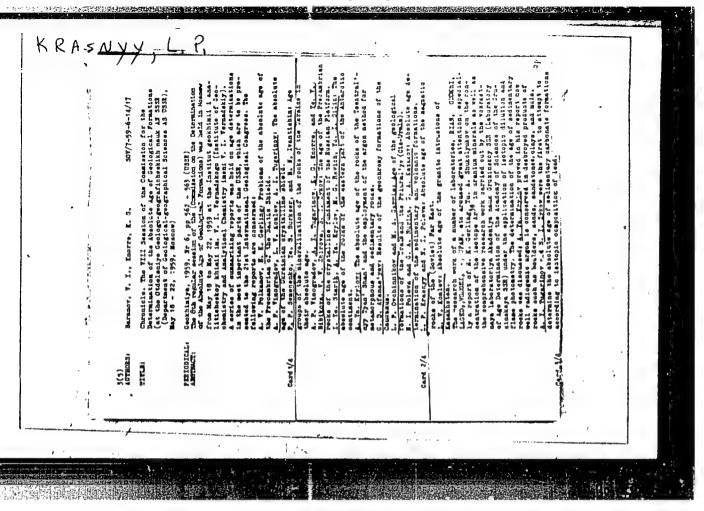
Geological prerequisites of the distribution of minerals in the eastern part of the U.S.S.R. Sov.geol. 6 no.12:36-57 D '63.

(MIRA 16:12)

1. Vsesoyuznyy nauchno-issledovateliskiy geologicheskiy institut.

# KRASNYY, L.I. International Tectonic Map of Europe. Geotektonika no.5: 130-135 S-0 '65. (MIRA 19:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut, Leningrad.



L 40967-65 ENT(d)/ENR(1) Po-4/Pq-4/Pg-4/Pk-4/PI-4 LJP(c) S/0292/65/000/002/0001/0005 ACCESSION NR: AP5006238 AUTHOR: Lopukhina, Ye. M. (Candidate of technical sciences); Krasnyy, (Engineer) TITLE: Investigation of an induction capacitor servomotor by the mathematical simulation method SOURCE: Elektrotekhnika, no. 2, 1965, 1-5 TOPIC TAGS: servomotor, capacitor servomotor, induction servomotor, mathematical simulation, drag cup servomotor ABSTRACT: A drag-cup capacitor servomotor was simulated on an a-c calculating board, and its characteristics and performance were analyzed by the method of symmetrical components. The effects of the machine parameters and capacitor value on these operating and starting characteristics were investigated: no-load speed, rated speed corresponding to the maximum output shaft power, Card 1/2

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ACCESSION NR: AP5006238

starting torque ratio, nonlinearity of the mechanical characteristic, and linearregulation zone. The above characteristics in relative units are presented as
curves. These conclusions are offered: (1) The method of mathematical
simulation is suitable for calculating those capacitor servomotors which have
complex relations between their parameters and output characteristics; (2) Such
a simulation yields general relations between the machine parameters and
excitation-circuit capacitance on the one hand and its output characteristics on the
other; (3) The relations thus obtained can be used for designing servomotors with
specified characteristics. Orig. art. has: 11 figures, 14 formulas, and
2 tables.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: EE

NO REF SOV: 004

OTHER: 000

Ford 2/2

SOURGE CODE: UR/0144/65/000/011/1229/1239 18 Mil . . ACC NR: AP6013418 AUTHOR: Lopukhina, Ye. M. (Candidate of technical sciences, Docent); 34 Krasnyy, V. (Engineer, Graduate of MEI) B ORG: Moscow Power-Engineering Institute (Moskovskiy energeticheskiy institut) [Krasny, Factory im. Lenin, Pl'zen' (Zavod) TITLE: "Parametric" method of designing capacitor-type induction drag-cup servomotors () SOURCE: IVUZ. Elektromekhanika, no. 11, 1965, 1229-1239 TOPIC TAGS: induction motor, servomotor, drag cup motor, electric motor ABSTRACT: The "parametric" method of design is based on the relations between the motor output characteristics and the motor parameters connected with its size, winding type, materials, etc. The article analyzes two machineutilization factors: (1) The coefficient of utilization by Pem /Pin, where Pem is UDC: 621.313.333. Card 1/2

0

L 41618-66

ACC NR: AP6013418

the electromagnetic power in starting and  $P_{in}$  is the power consumed in starting; (2) The specific control power  $P_c = P_c / P_{em}$ , where  $P_c$  is the control power in watts; this factor shows the control power required for producing one synchronous watt in starting. The formulas developed for the coefficient of utilization permit designing minimum-size motors with an elliptic rotating field. To further minimize the size, a circular rotating field is recommended for the starting period. The selection of motor parameters ensuring minimum control power is specified. Orig. art. has: 9 figures and 28 formulas.

SUB CODE: 13, 09 / SUBM DATE: 18Mar64 / ORIG REF: 004

Card 2/2

LOFUKHINA, Yelena Moiceyovra, hand, tolkin, nauk, dotsent; KRASNYY, Vatslav, inzt. [Krasny, Vsclav]

Choice of relative parameters of slave motors with hollow nonmagnetic rotors. Izv. vys. ucheb. zav.; elektromekh. 8 no.5:520-526 '65. (MIRA 18:7)

1. Moskovskiy ordena Lanina energeticheskiy institut 'for Lopukhina).
2. Zavod imeni Lenina, gorod Pl'zen, Chekhoslovatskaya Sotsialisticheskaya Respublika (for Krasnyy).

LOPUKHINA, Yelena Moiseyevna, kand. tekhn. nauk, dotsent;
KRASNYY, Vatslav, inzh.

Contribution to a parametric method for calculating executive induction-type capacitor motors with hollow rotors. Izv. vys. ucheb. zav.; elektromekh. 8 no.11:1229-1239 '65.

(MIRA 19:1)

1. Zavod imeni Lenina v gorode Pl'zen' Chekhoslovatskoy Sotsialisticheskoy Respubliki (for Krasnyy).

山173

8/181/62/004/012/022/052 B104/B102

247000

AUTHOR:

Krasnyy, Yu. P.

The dispersion of light in the exciton absorption range in

TITLE:

ion crystals which contain microdefects

Fizika tverdogo tela, v. 4, no. 12, 1962, 3512-3521

TEXT: A system of  $N_{\rm O}$  excitons is considered which interact with an external electromagnetic field but not with one another. The Hamiltonian of this

system is

 $H = \sum_{i=1}^{K_b} \mathcal{K}(\mathbf{R}_i; \mathbf{r}_i) + \sum_{k,j} \hbar w_k a_{k,j}^+ a_{k,j}.$ (7).

The excitons are assumed to be Bose particles. Second quantization representation, using the methods by N. N. Bogolyubov (Lektsiy z kvantovoy statistiki - Lectures on quantum statistics -, Kiyev, 1949), leads to

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S/181/62/004/012/022/052 B104/B102

The dispersion of light in the ...

$$H = \sum_{k} E(k) b_{k}^{+} b_{k} + \sum_{k,j} \hbar \omega_{k} a_{k,j}^{+} a_{k,j}^{+} + \sum_{k,j} Q_{j}(k) (a_{k,j}^{+} + a_{k,j}) (b_{k} + b_{-k}^{+}) + \frac{1}{Q} \sum_{k,k} V_{k,k} b_{k,k}^{+} b_{k,k}^{+},$$

(10).

$$E(k) = \frac{\hbar^2 k^2}{2M} + \Delta E + E_0,$$

$$Q_j(k) = \frac{i\hbar\sigma}{m_0 c} \sqrt{\frac{2\pi \hbar c N_0}{\Omega u_k}} e_{kj} I_{k_0} \left[ \int \varphi_0^2(r) \left( e^{ik \frac{m_0}{M} \tau} + e^{-ik \frac{m_d}{M} \tau} \right) d^3r \right].$$

This Hamiltonian is diagonalized with the aid of the single-particle retarded and advanced Green functions,

$$V(\mathbf{R}_i; \mathbf{r}_i) = \sum_{j} V(\mathbf{R}_i - \mathbf{x}_j; \mathbf{r}_i),$$

Card 2/5

**3/181/62/004/012/022/052** B104/B102

The dispersion of light in the ...

is assumed for the potential energy of the i-th particle interaction with all microdefects and after a lengthy calculation

$$n_{1-2}^{2} = \frac{1}{2} (1 + \mu_{n'}) \pm \sqrt{\frac{1}{4} (1 - \mu_{n'})^{2} + b + n'b_{1}},$$

$$\mu_{n'} = \frac{2Mc^{2}}{\hbar\omega_{k}} \left(1 - \frac{\omega_{0} - n'\omega_{1}}{\omega_{k}}\right),$$

$$b = \frac{8\pi Mc^{2}}{\hbar^{2}\omega_{k}^{2}} a = \frac{32\pi Mc^{2}}{2(\hbar\omega_{k})^{4}} \hbar^{2}e^{2}c^{2}n_{0}f \left[\int \varphi_{0}^{2}(r) \left(e^{ik\frac{m_{0}}{M}r} + e^{-ik\frac{m_{0}}{M}r}d^{2}r\right)^{2}\right],$$

$$b_{1} = \frac{4M^{2}c^{4}}{(\hbar\omega_{k})^{4}} \frac{S_{2}}{4(\hbar\omega_{k})^{2}},$$

$$\omega_{1} = \frac{V_{0}}{\hbar} + \frac{1}{2} \frac{S_{1}}{\hbar[E(k) + n'V_{0}]}.$$
(29)

Card 3/5

S/181/62/004/012/022/052 B104/B102

The dispersion of light in the ...

is obtained for the refractive coefficient. Here  $\vec{x}_j$  is the radius vector of the i-th defect, the components of V are assumed to be proportional to the concentration n of the microdefects,  $n = n! r_0^2$ , n! is the defect concentration,  $r_0$  is the mean radius of the defects,  $n_0$  is the exciton

concentration;  $f = \frac{2\pi}{m_0 \omega_k} \left| \int d^3 r u_{k_0}^{\frac{4\pi}{3}} (r) \nabla u_0(r) \right|^2$ .

A quantitative calculation shows that the refractive index changes considerably if the concentration of the ;F-centers is  $n' = (10^{15} - 10^{16}) \text{ cm}^{-3}$  (Fig.). There is 1 figure.

ASSOCIATION: Odesskiy gosudarstvennyy universitet im. I. I. Mechnikova

(Odessa State University imeni I. I. Mechnikov)

SUBMITTED: July 9, 1962

Card 4/5

# KRASNYY, Yu.P.

Light dispersion in the region of exciton absorption in ionic crystals containing microdefects. Fiz.tver.tela 4 no.12:3512-(MIRA 15:12) 3521 D '62.

1. Odesskiy gosudarstvennyy universitet im. I.I. Mechnikova. (Light-Refraction) (Excitons) (Ionic crystals)

KRASNYY-ADMONI, L.V.; ZAYDEMBERG, Ya.Z.

Some properties of developers containing phenidene. Thur.mauch.
i prikl.fot. i kin. 9 no.6:401-404 N-D '64.

(MIRA 18:1)

1. Tsentral'naya nauchno-issledovatel'skaya laboratoriya fotobumag.

Studying the photometric mathod for measuring the thickness of a relief photographic image. Zhur. nauch. i prikl. fot. i kir. a relief photographic image. Zhur. nauch. i prikl. fot. i kir. in no.1:8-10 Ja-F '65.

1. TSentral'maya nauchno-issledovatel'skaya laboratoriya fotobumag pri Sovete narodnogo khoo, nystva RSTER.

KRASNYY-ADMONI, L.V.

Investigating the process of tanning development. Thur, nauch, i prikl, fot, 1 kin, 10 no.4:241-247 Jl-Ag '65.

(MIRA 18:7)

1. TSentral'naya nauchno-Issledovatel'skaya laboratoriya fotobumag pri Sovete narodnogo khozyaystva RSFSR.

(3)

L 30003-65 EWT(1)/EWP(m)/EPF(n)-2/EWA(d) ACCESSION NR: AR4046881 Pd-1/Pu-4 WW S/0124/64/000/009/B047/B047

SOURCE: Ref. Zh. Mekhanika, Abs. 9B282

AUTHOR: Andreyev, A.I.; Krasochkin, R.V.

TITLE: One accurate solution to a complete system of hydrodynamic equations

CITED SOURCE: Sb. Materialy 2 Konferentsii po probl. Vzaimodeystiviye atmosf. i gidrosf. v sev. chasti Atlant. okcana. L., Leningr. un-t, 1964, 105-113

TOPIC TAGS: hydrodynamics, hydrodynamic equation, thermal disturbance, streamline flow

TRANSLATION: An accurate solution is presented to the following problem

$$\frac{\partial^{4}\sigma}{\partial x_{z}^{2}} + \frac{\partial \eta}{\partial x_{z}} \frac{\partial \sigma}{\partial x_{z}} = 0 \tag{1}$$

$$g\rho + \frac{\partial \rho}{\partial x_0} = 0$$

$$\frac{\partial^2 T}{\partial x_0} = \frac{\partial \rho}{\partial x_0} + n \left(\frac{\partial \rho}{\partial x_0}\right)^2 = 0$$
(2)

Card 1/3

	And the second s		
30003-65 CCESSION NR: AR40468	381		
or boundary conditions		0	
	$x_0 = 0$ , $v = v_0$ , $p = p_0$ , $T = T_0$ $x_0 = -ff  v = 0$ , $T = T_{lf}$	(4) (5)	
nd the following assigned	values of P. M. and F.		
	to the exe, 4- the tree x - Ke -xx.	(6)	7
ore, x <sub>1</sub> and x <sub>2</sub> are coord ard; v = velocity compon = coefficient of heat con- lution of the problem as	linates: the $x_1$ axis runs horizontally, the $x_2$ axis vent along axis $x_1$ , $P$ = density, $g$ = acceleration duductivity, $M$ = coefficient of viscosity, $T$ = temperasumes the form	ertically up- e to gravity, iture. The	
COLLEGE OF METER COM	anchiater and a contincibile of Alaconita. It a tombowe	ertically up- e to gravity, ture. The	
COLLEGE OF METER COM	anchiater and a contincibile of Alaconita. It a tombowe	ertically up- e to gravity, ture. The	

L 30003-65

ACCESSION NR: AR4046981

$$a = \frac{c_0}{c_0} \theta H \left( e^{\beta x_0} - \epsilon^{-\beta H} \right) \tag{7}$$

$$p = p_0 + \frac{p_0 g}{\sigma} \left( e^{-\alpha x_0} - 1 \right) \tag{8}$$

$$T = \frac{1}{1 - e^{-\gamma H}} \left[ T_e - T_H + \frac{\eta_e}{\kappa_e} \frac{\beta}{\beta + \gamma} v_0^2 \frac{1 - e^{-(\beta + \gamma)H}}{(1 - e^{-\beta H})^2} \right] e^{\gamma \kappa_e} -$$

$$-\frac{\eta_0}{\kappa_0} \frac{\beta}{\beta + \gamma} \frac{\sigma_0^2}{(1 - e^{-\beta H})^2} e^{(\beta + \gamma)\kappa_0} - \frac{1}{1 - e^{-\gamma H}} \left[ T_0 e^{-\gamma H} - \frac{1}{1 - e^{-\gamma H}} \right]$$
(9)

Values for the heat flux vector, energy flux density vector and momentum flow density tensor were computed on the basis of equations 7 through 9. The derived solution corresponds in its physical sense to a streamline flow of liquid along axis  $\kappa_1$ , resulting from a constant surface force (stipulating an exponential variation of the liquid's heat conductivity and viscosity with depth). The authors also consider a problem on heat wave propagation in liquids at rest and calculate a trajectory for the travel of thermal disturbances in sea water. V.M. Kamenkovich.

Card 3/3

SUB CODE: ME

ENCL: 00

# "APPROVED FOR RELEASE: Monday, July 31, 2000

CIA-RDP86-00513R000826210

32910-66 ACC NR: AP6023830

(A.N)

SOURCE CODE: UR/0326/66/013/001/0177/0103

AUTHOR: Krasochkin, R. V.; Moshkov, B. S.

Agrophysical Institute, Leningrad (Agrofizicheskiy institut)

TITLE: Study of the growth and geotropic reactions of plants under conditions of centrifugal forces

SOURCE: Fiziologiya rasteniy, v. 13, no. 1, 1966, 177-183

TOPIC TAGS: / plant growth, centrifugal force, gravitation effect, plant physiology, environment/test chamber, gravity plant effect

ABSTRACT: Investigations were conducted to determine: 1) the possibility of the complete nullification of the physiological effect of gravity by means of rotations and 2) the possibility of the substitution, in a broad physiological sense of the word, of centrifugal force for gravity. A special centrifugal device which makes it possible to determine the effect of rotation on the growth of plants has been designed and built. The device differes from those hitherto used in that it provides analogous growth conditions for experimental and control plants. The special centrifugal device consists of a wheel with a horizontal rotation axio. - The dismeter of the wheel is two meters: its width is 0.5 meters. Its main part is a reel with rings connected by steel bolts. The outer rings of the reel make possible the rotation of the wheel. The plants under investigation are placed in special vinyl

# ACC NR: AP6023830 vessels made from pipe section 30 centimeters long and five centimeters in diameter. Rotation of the wheel is accomplished by an electric motor. The data obtained in the investigations established that the rotation of plants under conditions of an artificially created centrifugal force tends to exclude the physiological effect of gravity on certain reactions of the plants; the complete exclusion of the effect of gravity on the plant organisms was not noted even at a rotation rate of 36 revolutions a minute; the effect of a constant centrifugal force with respect to geotropic reactions, and with relation to the growth of the plant and the accumulation of organic masses is similar to that affected by gravity. Orig. art. has: 3 figures and 3 tables. [JPR5] SUB CODE: 06 / SUEM DATE: 26Mar65 / ORIG REF: 005 / OTH REF: 013

KRASCOHKIN, V.I.

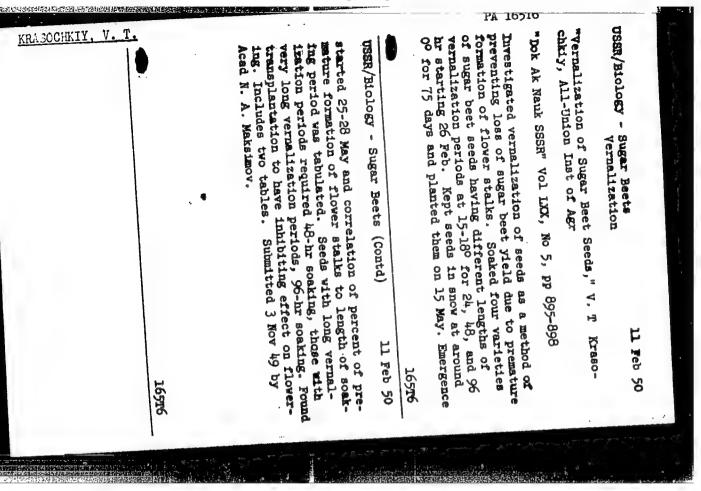
22573 Krasochkin, V.I. I Lizgunova, T.V. Sorta Cvoshnych Kulltur, Vyvedennyye V Pushkinskikh Laboratoriyakh Vsesoyuznogo Instituta Rasteniyevodstva. Sbornik Trudov Pushkinsk. Laboratoriy Vsesoyuz. Intrasteniyevodstva. L., 1949, S. 271-82.

S0: Letopis No., 30, 1949

# KPASOCPKIN, V. T.

22573. KRASOCHKIN, V. T. I lizpunova, T. V. sorta ovoshnykh kultur, vyvedennyye v pushkinskikh laboratoriyakh vsesoyuznogo instituta rasteniyevodstva. Sbornik trudov pushkinsk. Laboratoriy vsesoyuz. In-tarasteniyevodstva. L., 1947, S. 271-82.

SO: LFTOPIS! No. 30, 19h9



KPASOCHKIN, V. T.

Vegetables

New types of vegetables for Northern collective farms. Kolkh. proizv. 12 no. 8, 1952.

Monthly List of Russian Accessions, Library of Congress November 1952. UNCLASSIFIED.

KPASOCHKIN, V. T.

Tomatoes

Tomatoes in the north. Nauka i zhizn' 19 no. 4, 1952.

Monthly List of Russian Accessions, Library of Congress, July 1952. UNCLASSIFIED.

### "APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000826210 了一个。在自己的对象,就是我们就是我们就是我们就是我们的的时候,我们就是不是不是一个,他们就是这个人,他们就是这些人,他们就是这些人的,也不是一个人,不是这么多

KRASOCHKIN, Vasiliy Trofimovich Name:

Beets (Biol Characteristics, Species and Varieties, and Methods of Se-Dissertation:

lection)

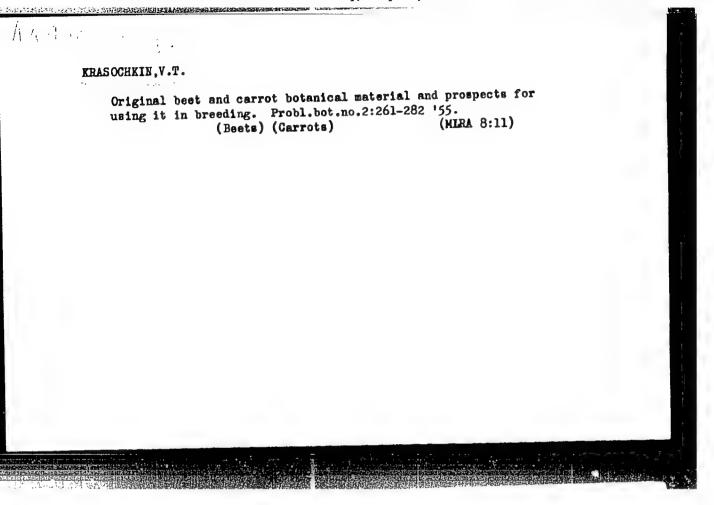
Dogree: Doc Agr Sci

Affiliation [not indicated]

Defense Date, Place: 16 Nov 55, Council of the All-Union Sci Res Inst of Plant Growing

Certification Dato: 28 Apr 56

Source: BMV0 4/57



USSR/Cultivated Plants - Potatoes. Vegetables. Merous.

М

Abs Jour

: Ref Zhur Biol., No 18, 1958, 82358

Author

: Krasochkin, V.T.

Inst Title

: Form Development in Beets

Orig Pub

: Tr. po prikl. botan., genet. i selektsii, 1957, 31,

110 2, 57-87

Abstract

: On the basis of an analysis of data published and experiments, the author comes to the conclusion that the species closest to the original ancient ancestor of the clured beet is a specie of sea-shore beet (B. maritima L.). The oriental beet (B.orientalis Roth) formed later, under tropical climatic conditions. The Scadinavian beet which formed in northern latitudes is distinguished by a high content of dry matter and sugar in the root t ber, winter resistance, two and more years perenniality. The widespread opinion that the root t ber beet originated

Card 1/2

- 42 -

# "APPROVED FOR RELEASE: Monday, July 31, 2000

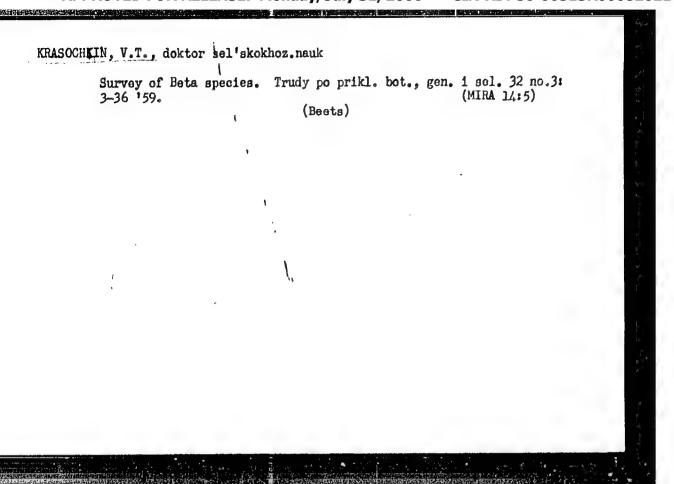
CIA-RDP86-00513R000826210

USSR/Cultivated Plants - Potatoss, Vegetables. Melons.

Abs Jour : Ref Zhur Biol., No 18, 1958, 82358

as the res It of the application of hybridization is incompetent since prior to the appearance of the root taber forms, the foliated beet was caltivated which acquires ability to form root tubers by means of repeated selections. For the creation of semitaberous forms, a prolonged vegetative period is necessary. In the experiments, the foliated semi-tubers (Mangold, with red petioles, No 33 variety) produced a tuber of the average weight of 537 grams ader the condtions of high caliber agric Itural technique and a long vegetative period of Maykop; hear Minsk - 240 grams, hear Leningrad - 90 grams. Formation of the present time root t ber varieties took place in the mountains of East Asia, Soviet Trans-Caucasus, and later in Europe. The origin of the contemporary sugar beet is related to the fodder varieties and the northern wild beet distinguished by greater saccherosity. -- M.K. De lina

Card 2/2



KRASOCHKIN, Vasiliy Trofimovich, doktor sel'khoz. nauk; GOLOMTSOV,

F.S., red.; BARANOVA, L.G., tekhn. red.

[Beets] Svekla. Moskva, Gos.izd-vo sel'khoz. lit-ry, 1960.

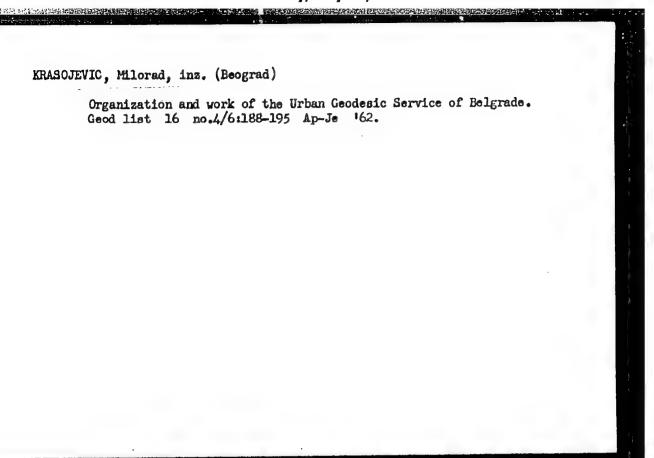
(HIRA 14:5)

(Beets)

PISCEVIC, Stanislav, samitetski pukovnik, dr.; IFINIA, Stobožen, samiretski pukovnik, dr.; MIHAHOVIC, Fragoljub, samitetski pukovnik, dr.; KRASCUZVIC, Dragoljub, samitetski kapetan, dr.

A cuso of combined injuries with severe hemorrhage. Vojnosemit. pregl. 21 no.42253-256 Ap 164

1. Vojnomedicinska akademija u Beogradu, Klinika za hirurske bolesti.



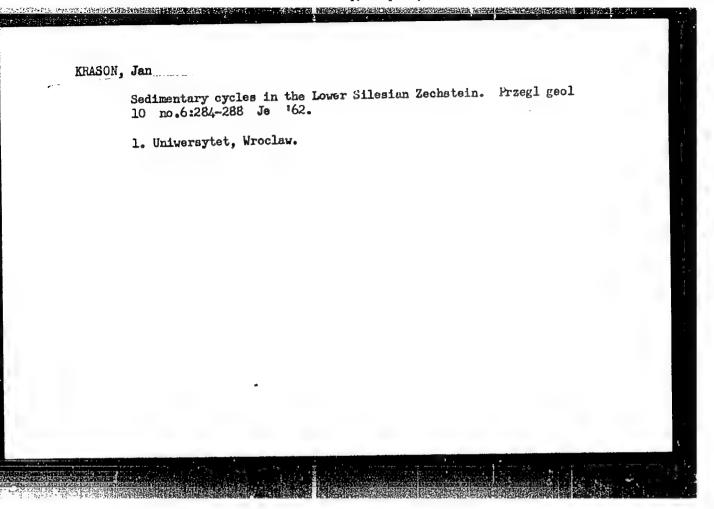
KRASOJEVIC, Vladimir, student (Beograd); BORISAVLJEVIC, Miodrag, student (Beograd)

"DEKKA," a new apparatus for both air and sea navigation.
Tesla no.17/18:41-42 \*56.

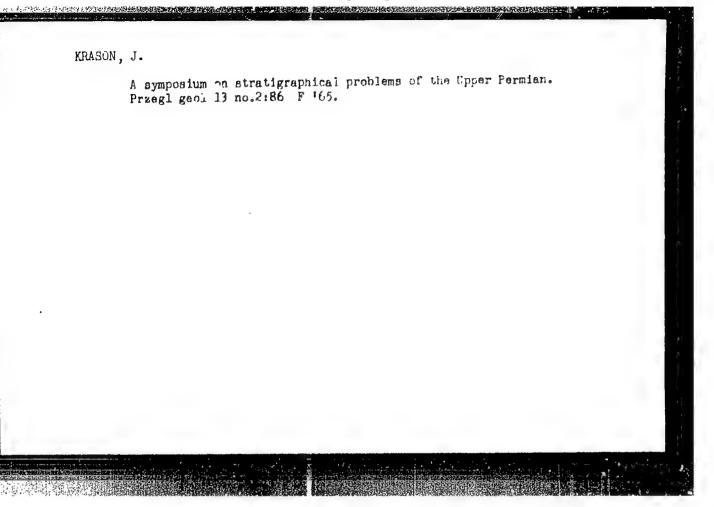
Cround waters in the Lityan Desert in Egypt. Przegl geol 9 no.11:
612-614 '61.

1. Uniwersytet Wroclawski.

(Egypt-Water, Underground)



Some remarks on Nubian sandstone in Egypt. Przegl geol 10 no.8: 435-436 Ag '62.	
1. Uniwersytet, Wroclaw.	
·	



# KRASON, Stanislaw

Prevention of renal complications following surgery of prostatic adenoma. Roczn. pom. akad. med. Swierczewski. 8:451-465 162.

1. Z II Kliniki Chirurgicznej Pomorskiej Akademii Medycznej Kierownik: prof. dr Wladyslaw R. Heftman i z Kliniki Urologicznej Pomorskiej Akademii Medycznej Kierownik: doc. dr Alfons Wojewski.

(PROSTATECTOMY) (KIDNEY DISEASES) (PROSTATIC HYPERTROPHY)

WOJEWSKI, Alfons; KRAGON, Stanislaw; Follosith, lyszard

Experimental production of renal tumors. Fol. przegl. chir.
36 no.AsiSuppl.:563-589 Ap '64.

1. Z Kliniki Urologicznej Pomorskiej Akademiz Medycznej v Szczecinie (Kierowniki doc. dr A. Wojewski).

# Fost-traumatic rupture of the kidney with complet avalsion of the vascular pedicle, Pol. przegl. chir. 36 no.10:5uppr. 1313-1316 0 '64

1. Z Kliniki Urologicznej Pomorskiej Akademii Medycznej w Szczecinie (Kierownik: doc. dr. A. Wojewski).

WOJEWSKI, Alfons; KRASON, Stanislaw

Spontaneous rupture of pyonephrosis into the peritoneal cavity.
Polski tygod. lek. ll no.38:1632-1634 17 Sept 56.

1. (Z II Kliniki Chirurgicznej P.A.M. w Szczecinie; kierownik; doc. dr. W. Heftban) Szczecin, ul Powstancow 72, II Klinika Chirurgiczne P.A.M.

(NEPHROSIS, complications, pyonephrosis rupt. causing peritonitis (Pol))

(PERITONITIS, etiology and pathogenesis, pyonephrosis rupt. (Pol))

# KRASON, Stanislaw Complications after ascending pyelography. Polski przegl. chir. 33 no.3:275-278 '61. 1. Z Oddzialu Urologicznego PAM Kierownik: z-ca.prof. dr A Wojewski. (PYELOGRAPHY compl)

WOJEWSKI, Alfons; KRASON, Stanislaw

Our modification of the Fabre-Thierman operation (coccygo-sciatic prostatectomy). Pol. przegl. chir. 34 no.10a:1129-1133 '62.

1. Z Kliniki Urologicznej PAM w Szozecinie Kierownik: doc. dr A. Wojewski.

(PROSTATECTOMY)

WOJEWSKI, Alfons; KRASON, Stanislaw

A case of true hermaphroditism. Endokr. pol. 14 no.1:113-116
163.

1. Klinika Urologiczna P.A.M. w Szczecinie Klerownik; doc. dr
A. Wojewski.

(HERMAPHRODITISM)

### "APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000826210

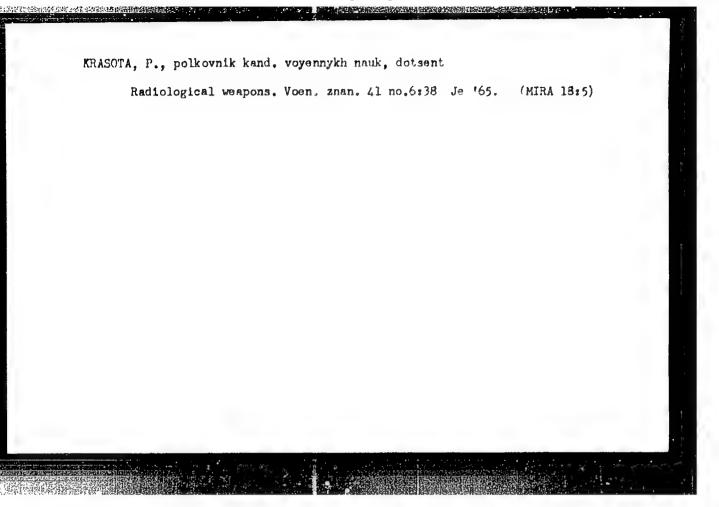
SMIRNOVA, A.V.; KRASONOVA, A.K.; GROMOVA, G.P.; VINOGRAD, M.I.

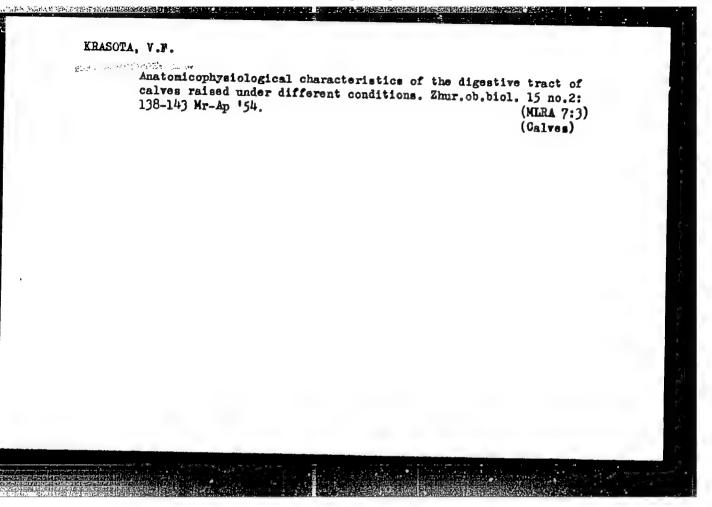
Electron microscope study of fractures.in the EI437B cast alloy. Zav. lab. 30 no.5:571-573 '64. (MIRA 17:5)

l. TSentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii imeni I.P. Bardina.

FROCHT, M.M.; BOKSHTEYN, M.F. [translator]; KRASONTOVICH, Yu.F., [translator]; PREYSS, A.K. [translator]; PRIGOROVSKIY, N.I., professor, redaktor; SNITKO, I.K., redaktor; TUMARKINA, N.A., tekhnicheskiy redaktor.

[Photoelasticity; polarisation-optical method of stress analysis]
Fotouprugost; poliarizatsionno-opticheskii metod issledovaniia
napriazhenii. Perevod s angliiskogo M.F.Bokshtein, IU.F.Krasontovicha, A.K.Preiss. Pod red. N.I.Prigorovskogo. Moskva, Gos. izd-vo
tekhniko-teoret. lit-ry. Vol. 1. 1948. 432 p. Vol. 2. 1950. 488 p.
[Microfilm] (MLRA 8:2)
(Photoelasticity) (Strains and stresses)





### "APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000826210

KRASOTA

USSR/Form Amic 1s - Critica

0-2

Abs Jour

Author

: Konsoun, V.F.

Inst

: Whyamovekiy Agriculoued I softate.

Titl.

: End Development, Charlest Over roution and Girange. the Cair Skeleton in Relation to Different Brading Son-

diding.

Ocig Pub

: Fr. Ul'yanovsk. s.-ki. ir-., 1956, 4, 153-173.

Abstract.

: To woo established and upon copious fooding of calles with resuly easily digerelyed foods (welk), a a botal and of tubular borns in he 50% greater than in the calver given coarse, judey recogniffs. In calves or and firs, group, the bears were not only longer and thicker, ins also benvier. The progress of their positionals, come

. As d nor , rapidly, and built internal structure

Card 1/2

### "APPROVED FOR RELEASE: Monday, July 31, 2000

CIA-RDP86-00513R000826210

USSR/Form Animals - Cattle.

0/2

Abs Jour : 201 200 - Bicl., No 1, 1950, 2669

(and platchess, haverstan counts) was more explacitly conversed. When subject 6 so a breaking test, a differ critical load is obtained. In the calcius content ranges for 23.5 to 28.9%, we class in the bonds of the second-critic calves it reaches only 17-20%. -- A.V. Bell cook

Card 2/2

. 27 -

USSR / Farm Animals. Cattle.

Abs Jour : Ref Zhur - Biologiya, No 5, 1959, No. 21218

Author

: Krasota, V. F.

Inst

Not given

Title

: Perfecting the Bestuzhevskaya Breed

Orig Pub

: Zhivotnovodstvo, 1958, No 3, 52-59 - Vol 20

Abstract

: The Bestuzhevskaya dairy-beef cattle breed was created as a result of complicated crossings of local cattle with various other breeds (Durham, Shorthorn, Dutch, Tyrolean, Simmenthal, Wilstermarsh, Ayrshire, Kholmogorskaya) which was periodically replaced by long-lasting breeding in "itself" (inbreeding) and an inverse crossing with aboriginal cattle. In 1957 more than 370,000 heads were counted within the entire distribution area of the breed. Valuable strains and families were created; highly milk productive herds are

Card 1/2

30

USSR / Farm Animals. Cattle.

)

Abs Jour : Ref Zhur - Biologiya, No 5, 1959, No. 21218

in existence, as well as record-breaking cows, etc. However, the work of breeding cattle is not performed sufficiently enough. It is imperative to keep the following standards for the breed: in 1st grade cows the milk yield for 300 days after the first parturition should be 300 kg, their live weight should amount to 400 - 420 kg; after the second, third and more parturitions, the figures should be correspondingly 2600 kg and 3200 - 3500; 450 - 500 and 530 - 580 kg. The milk's fat content should not be lower than 3.9 percent. Sires should weigh at least 800 kg at the age of 5 years. -- V. I. Orlov

Card 2/2

KRASOTA, V.F., kand.sel'skokhosyaystvennykh nauk

Controlled development of cattle. Agrohiologiia no.5:67-72 \$-0
158.

(MIRA 11:11)

1. Ul'yanovskiy sel'skokhosyaystvennyy institut.
(Calves--Feeding and feeding stuffs)

### "APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000826210

KRASOTA, V. F., Doe of Agric Sci -- (diss) "Peculiarities of the Growth and Development of Immature Bestushcheff's Cattle under Various Types of Broeding and Massures for the Future Perfection of the Breed,"

Moscow, 1959, 29 pp (Moscow Agricultural Academy im K. A. Timiryazev)

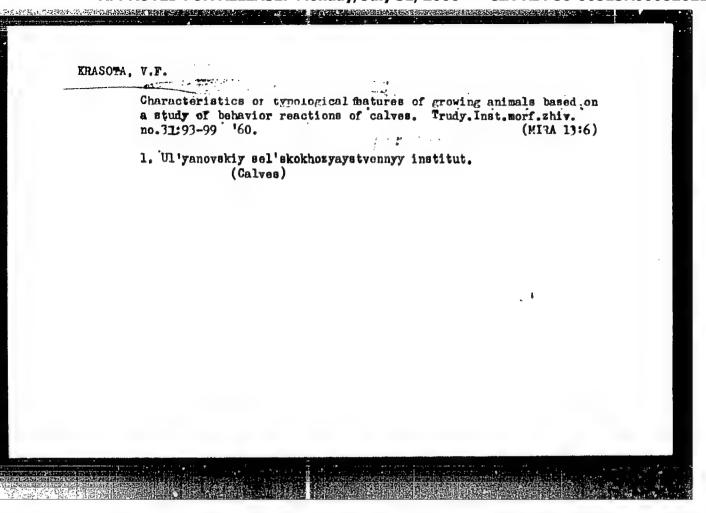
(KL, 2-60, 115)

### "APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000826210

KRASOTA, V.F., kand.sel'skokhozyaystvennykh nauk

Conference embracing several provinces about improvement of the Bestu-7, zhev breed. Zhivotnovodstvo 21 no.2:62-63 F '59. (MIRA 12:3)

1. Predsedatel' nauchnogo soveta po bestuzhevskoy porode v zone Srednego Povolzh'ya. (Volga Valley-Cattle breeds)



KRASOTA, Vladimir Filippovich (Ul'yanovak Agricultural Institute)

for Doctor of Agricultural Sciences on the basis of dissertation

defended 11 Jan 60 in Council of Moscow Order of Lenin Agricultural

Academy im. Timiryazev, entitled: "Peculiarities of Growth and De
velopment of the Young Aminals of the Bestuzhev Cattle in Different

Manya Waya for A Further Perfection of this

Breed." (HAVISSO USSR, 2-61, 24)

232

Improve the theoretical training of agricultural specialists.

Zemledelie 24 no.4:80-84 Ap '62. (MIRA 15:4)

1. Nachal'nik Upravleniya vysshego i srednego sel'skokhozyzystvennogo obrazovaniya Ministerstva sel'skogo khozysystva SSSR.

(Agriculture—Study and teaching)

KHASOTA, V.F., prof.

Improve the training of agronomists. Zemledelie 25 no.10:3-6
0 '63.

1. Nachal'nik Upravleniya vysshego i srednego sel'skokhozyaystvennogo obrazovaniya Ministerstva sel'skogo khozyaystva SSSR.

### "APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000826210

KRASOTA, V.F.

Good start. Zemledelie 26 no.12:10-11 D '64. (MIRA 18:4)

1. Nachal'nik Glvanogo upravleniya vysshego i srednego sel'skokhozyaystennogo obrazovaniya Ministerstva sel'skogo khozyaystva SSSR.

### "APPROVED FOR RELEASE: Monday, July 31, 2000

CIA-RDP86-00513R000826210

EWT(d)/EWT(m)/EWP(c)/EWA(d)/T/EWP(t)/EWP(k)/EWP(z)/EWP(b)/EWP(1)/ETC(m) L 8221-66 AP5026216 IJP(c) MIW/JD/WW SOURCE CODE: UR/0381/65/000/004/0056/0060 ACC NR AUTHOR: Baryshev, S. Ye.; Bespalov, N. A.; Shan'kova, Z. N.; Krasota, V. K ORG: none TITLE: Mechanized ultrasonic normal wave flaw detector for automatic quality control of aluminum alloy plates SOURCE: Defektoskopiya, no. 4, 1965, 56-60 TOPIC TAGS: ultrasonic inspection, aluminum alloy, alloy sheet, alloy plate, plate ultrasonic inspection, ultrasonic flaw detector, automatic flaw detector, quality control ABSTRACT: The design and the operating principles of a UDK-2L ultrasonic flaw detector for automatic quality control of aluminum alloy plates and sheets are described. The flaw detector operation is based on the pulse-echo method using normal antisymmetric waves which undergo a maximum reflection from laminations in the fd range of 6-12 Mc mm (f is the ultrasound frequency and d is the metal thickness). The UDK-2L flaw detector has two control channels and operates with three fixed frequencies: 1.8, 2.5, and 5 Mc. It is provided with several pairs of interchangeable search heads, each of which is designed for a certain alloy and a definite range of thicknesses. The UDK-2L is capable of separating a pulse reflected from a flaw located at a distance of 1200 mm in sheets of AMg6 aluminum alloy A Preliminary statistical data showed that the UDK-2L ensures detection of laminations 20-30 mm long and UDC: 620.179.16

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L 14256-66 EWT(1)/FS(v)-3 SCTB DD/RD

ACC NR: AT6003907

SOURCE CODE: UR/2865/65/004/000/0676/0682 4

AUTHOR: Meleshko, G. I.; Krasotchenko, L. M.

ORG: none

TITLE: Conditions of carbon nutrition of Chlorella in intensive cultures

SOURCE: AN SSSR. Otdeleniye biologicheskikh nauk. Problemy kosmicheskoy biologii, v. 4, 1965, 676-682

TOPIC TAGS: Chlorella, photosynthesis, carbon dioxide, oxygen, plant growth, closed ecology system, exchange reaction

ABSTRACT: Experiments were performed in order to determine the optimum amounts of CO<sub>2</sub> required for maximum production of oxygen by Chlorella under conditions of intense cultivation. Experiments were performed in a closed system with a g/liter gas volume. This arrangement made it possible to perform three experiments using the same culture without any substantial modification of the density of suspension of conditions of the medium. A previously grown culture of Chlorella was centrifuged for 15 min

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ACC NR: AT6003907

(at 3-4000rpm), after which the culture was re-suspended in a fresh Tamiya medium. A mixture of air and CO<sub>2</sub> was supplied to the culture by a diaphragm pump at the rate of 3-4 liters/min. A reactor, based on a membrane method of cultivation, assured good conditions of gas exchange between the open surface of the suspension and the air. The photosynthetic rate was determined as a function of the diminishing concentration of CO<sub>2</sub> in the closed volume of the system by means of a continuous automatic gas analyzer (UAV-1). In the tests CO<sub>2</sub> concentrations ranged from 13% down to the point where photosynthesis apparently ceased. The pH of the medium varied from 5, 5 at the beginning of the experiment to 6,0 at the end. A

special thermophylic strain of Chlorella with a temperature optimum of 40-41°C was used. The following densities of Chlorella suspensions were used in the tests: 0.5-0.6 x 10<sup>9</sup>, 3-4 x 10<sup>9</sup>, and 8-10 x 10<sup>9</sup> cells per cc. The results in all three tests were quite similar. The intensity of photosynthesis increased sharply as the amount of CO<sub>2</sub> in the sir was increased to 1.5-1.8%. Further increases in CO<sub>2</sub> concentration did not increase the intensity of photosynthesis until 4.5-5.5% was reached. At this concentration another sharp increase in intensity of photosynthesis was observed. Here a

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second plateau, where increases in  $CO_2$  did not increase the intensity of photosynthesis, was encountered. This plateau lasted until the concentration of  $CO_2$  in the air reached 7.0—7.5%, at which point a third sharp increase in photosynthesis took place. Further increases in the productivity of the culture. However, this was not accompanied by any depression in the intensity of photosynthesis. It should be noted that the third plateau was reached only with a concentration of 8—10 x  $10^9$  cells per cc. Lower concentrations of Chlorella cells provided only 2-step increases.

The step-like nature of the graphs obtained in the experiments is apparently explained by factors which delay the arrival of CO<sub>2</sub> to the point where it can be utilized by the cell. The rate of CO<sub>2</sub> utilization by the cells has a direct effect on the magnitude of the partial pressure of CO<sub>2</sub> in the air. This probably explains the presence of the third plateau in high-density cultures and its absence in cultures where the utilization rate of CO<sub>2</sub> is slower.

Card 3/4

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in the zone by the exclusion of n itself. All	ion of CC e of the c hange rat O <sub>2</sub> to disc nolecules I of these	which CO <sub>2</sub> pas D <sub>2</sub> in the air the ells in the me te of air and 1 solve, the CO in the nutrice e factors must rt. has 3 figu	out by the cedium. The diquid phase of capacity ent medium to be conside	oncentrate latter coes, the arof the me, and the ered in de	ion of dissembled inditions is ea of conte dium, the motility of signing phospherical controls in the control in the controls in the control in t	olved CO <sub>2</sub> affected ct, the a- rate of dif- the medium				
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KRASOTIN, K.A.

GORAGON SET USE ASSESSED TO

AUTHORS:

131-12-4/9 Rutman, D. ., Vinogradova, L.V., Krasotin, K.A.,

Min'kov, D.d.

TITLE:

Refractories in the Hands of the User (Ogneupory u potrebitelya). Refractory Highly Aluminous Bricks for Ladles and Arresting Tubes Made of a Substance Composed of Mullite and Corundum (Termostoykiy vysokoglinosemistyy kovshevoy kirpich i stopomyje trubki mullito-

korundovogo sostava)

PERIODICAL:

Ogneupory, 1957, Nr 12, pp. 546-549 (USSR)

ABSTRACT:

According to a working method developed sets of ladle bricks and arresting tubes manufactured by the industry were tested in practice. The durability of these bricks was found to be 50% greater than that of ordinary fireclay bricks. Furthermore, the manufacture and practical testing of a set of refractory highly aluminous ladle bricks made of a mullite-corundum composition is described in detail, in which steel of different melts was cast. In conclusion it is

stated that: 1.) The ladles lined by highly aluminous bricks are able to stand 18 melts instead of the average of 11.8 in the case of ordinary fireclay bricks, and that with these bricks no cracking or

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